Site Name: Cottonwood Hills Recycling and Disposal Facility

~ ction 1 - All Events

	Military	Time			SOP* F	ollowed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup		8.31.13/1204	0.1		Ø	
Shutdown	8.31/13/0044		11.3	99_	Ø	
☐ Malfunction					Complete Se	ection 2 Below
☐ Non-malfunction			-			
Date Form Filled Out: 9.1.13				Signature:	7: 6-12	1.
Comments:	in to two ras	uspart				

^{*}Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan **If SOP in SSM Plan was not followed, notify site engineer immediately.

		Check one of the t	following for each step:
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	ź	
2. '	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	Ø	
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):		Ŕ
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	Ø.	
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		Z
6.	Start malfunction diagnosis.	1	П
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	<u> </u>	
8.	Contact qualified resource: a. Record contact name, date and time:		P
9.	Fix the malfunction.	- Z	
10.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	A	
. 1.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	Ø	
12.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	Z Z	
13.	If the procedures listed above were not followed, contact the site engineer immediately.		Æ



Site Name: Cottonwood Hills Recycling and Disposal Facility

Section 1 - All Events

	Military Time				SOP* Followed?	
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	10.16.13/1113	10.16.13	_8_		Ø	
Shutdown	10.15 13	10.16.13	22	99	Ø	
Malfunction					Complete Sec	ction 2 Below
☐ Non-malfunction	No. of Contract of					
Date Form Filled Out:	10-17-13			Signature:	7:41	8/

*Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan
**If SOP in SSM Plan was not followed, notify site engineer immediately. **Actorized draw write instail. Danged PLC ;

Section 2 - Malfunction Events Only

	on 2 – Malfunction Events Only	Check one of the f	Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable			
1.	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	Ø	_ ·			
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	Ø				
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):		Ø			
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	Þ				
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		Ø			
6.	Start malfunction diagnosis.	1				
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	A				
8.	Contact qualified resource: a. Record contact name, date and time: Raming Dovis / 6 456 ts	A.				
9.	Fix the malfunction.	4				
10.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	Ø				
11.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	A				
12.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	A				
13.	If the procedures listed above were not followed, contact the site engineer immediately.		A			



Site Name: Cottonwood Hills Recycling and Disposal Facility

Section 1 - All Events

	Military	Time			SOP* Followed?	
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	10.17.13 0905	10.17.13	0.1		Ø	
Shutdown	10.16.13/1513	10-12-13 0705	18	99	D'	
☐ Malfunction					Complete Se	ction 2 Below
☐ Non-malfunction						
Date Form Filled Out:	10.18.13			Signature:	7:6	1:2/

*Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan
**If SOP in SSM Plan was not followed, notify site engineer immediately. Flores tunned off area wight due to PLC dange.

	on 2 – Malfunction Events Only	Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
1.	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	Ø			
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	Ø			
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):	Ø			
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.		Ø		
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		Ø		
6.	Start malfunction diagnosis.	P			
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	Ja*			
8.	Contact qualified resource: a. Record contact name, date and time:		P		
9.	Fix the malfunction.	Z			
10.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	Þ			
11.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	Ø			
12.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	A			
13.	If the procedures listed above were not followed, contact the site engineer immediately.		Ø		



Site Name: Cottonwood Hills Recycling and Disposal Facility

Section 1 - All Events

	Military	Time			SOP* Followed?	
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	10.18.13 07.18	10.18.13 0718	-0.1		Ø	
Shutdown	10.17.13	10.18.13	184	99	Z	
☐ Malfunction					Complete Section 2 Below	
☐ Non-malfunction						
Date Form Filled Out:	10.13.13			Signature:	Tibe	1:8/

^{*}Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan
**If SOP in SSM Plan was not followed, notify site engineer immediately. Flace toward off over myst due to Pic demote.

	n 2 – Malfunction Events Only	Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
1.	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	Ø			
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3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):	Ø			
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.		A		
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		Ø		
6.	Start malfunction diagnosis.	Z			
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	Ø			
8.	Contact qualified resource: a. Record contact name, date and time:		Ø		
9.	Fix the malfunction.	Z			
10.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	Æ			
11.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	Z			
12.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	Ø			
13.	If the procedures listed above were not followed, contact the site engineer immediately.		Ø		



Site Name: Cottonwood Hills Recycling and Disposal Facility

Section 1 - All Events

	Military	Time			SOP* Followed?	
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	10.18.13	10.18.13/1329	0.1	_1_	Ø	
☐-Shutdown	10.18.13	10.18.13	1.2		Ø	
☐ Malfunction					Complete Se	ction 2 Below
☐ Non-malfunction						
Date Form Filled Out:	10-19-13			Signature:	Tible	18/

*Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan
**If SOP in SSM Plan was not followed, notify site engineer immediately.

	n 2 – Malfunction Events Only	Check one of the t	Check one of the following for each step:				
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable				
1.	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	Ø					
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	Ø					
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):	₽	Ø				
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.		d				
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		Ø				
6.	Start malfunction diagnosis.						
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.		ÆÍ				
8.	Contact qualified resource: a. Record contact name, date and time:		Ø				
9.	Fix the malfunction.	Ď					
10.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	ター フ					
11.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	Þ					
12. 13.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file. If the procedures listed above were not followed, contact the site engineer immediately.	0					



Site Name: Cottonwood Hills Recycling and Disposal Facility

Section 1 - All Events

	Military	Time			SOP* Fo	llowed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	12:21-13	10.21.13/1255	0.1		Ø	
Shutdown	10:21.13/1149	10:21:13	1.0		Æ	
☐ Malfunction	***************************************				Complete Section 2 Below	
☐ Non-malfunction						
Date Form Filled Out:	10.22.13	Act a B		Signature:	Tild	18/

*Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan
**If SOP in SSM Plan was not followed, notify site engineer immediately.

Occur	on 2 – Malfunction Events Only	Check one of the following for each step:				
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable			
1.	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	Ø				
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	Ø				
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):		Þ			
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	Ø				
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		Ø			
6.	Start malfunction diagnosis.					
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.		Ø			
8.	Contact qualified resource: a. Record contact name, date and time:		Ø			
9.	Fix the malfunction.	A				
10.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	Ø				
11.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	Þ.				
12.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	Ø				
13.	If the procedures listed above were not followed, contact the site engineer immediately.		Ø			



Site Name: Cottonwood Hills Recycling and Disposal Facility

Section 1 - All Events

Section 1 - All Even	Military	Time			SOP* Fo	llowed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	1 / 162 >	10.23.13	D.1	_1_	Ø	
Shutdown	10.23.13/1318	10.23.13	3.2	_1_	P'	П
☐ Malfunction					Complete Sec	ction 2 Below
☐ Non-malfunction						
Date Form Filled Out:	10.25.13			Signature:	7:41	18/

^{*}Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan
**If SOP in SSM Plan was not followed, notify site engineer immediately.

Section 2 - Malfunction Events Only Composents dianged by boad cornier.

	on 2 - Malfunction Events Only	Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
1.	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	· Ø			
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	Ø			
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):		ø		
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	Ø			
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		Ø		
6.	Start malfunction diagnosis.	4			
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	a			
8.	Contact qualified resource: a. Record contact name, date and time: ビデラ ション・レン・	Ø			
9.	Fix the malfunction.	Ø			
10.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	A			
11.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	Z Z			
12.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	ď			
13.	If the procedures listed above were not followed, contact the site engineer immediately.		Þ		



Site Name: Cottonwood Hills Recycling and Disposal Facility

Section 1 - All Events

	Military	Time			SOP* Fo	llowed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	1	10.29.13	0.1			
Shutdown	10.29.13 0833	10.201.13	5.2		Ď	
☐ Malfunction					Complete Sec	ction 2 Below
☐ Non-malfunction						
Date Form Filled Out:	11.1.13			Signature:	7.1-18	·/-;

^{*}Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan
**If SOP in SSM Plan was not followed, notify site engineer immediately. # Shutdown by LFG to install A NEW

	on 2 - Malfunction Events Only CARRIER, PLC, CARRIER Supp	Check one of the f	ollowing for each step:
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable
1.	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	Ø	
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	×	
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):		Æ
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	Æ	
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		Ø
6.	Start malfunction diagnosis.	7	
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.		Æ
8.	Contact qualified resource: a. Record contact name, date and time:		Æ
9.	Fix the malfunction.	Z	
10.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	Ą	
11.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	Ø	
12.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	2	
13.	If the procedures listed above were not followed, contact the site engineer immediately.		Z

Site Name: Cottonwood Hills Recycling and Disposal Facility

ction 1 -	- All Events	

MOII 1 - All Evell				· · · · · · · · · · · · · · · · · · ·		
	Military	Time			SOP* Fo	ollowed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup		11/24/13/1602			×	
Shutdown	11/23/13/1948			10_	×	
Malfunction					Complete Sec	ction 2 Below
☐ Non-malfunction						
Date Form Filled Out:				Signature:	4. Den 2	4
Comments: Condes	ate clean on f	Planse Stack e	lossed & Fraze	over night, +	riggered Flores "	High Flow " Alogn
cleared clog on it	1.24.13 & restor	ted float,				

**If SOP in SSM Plan was not followed, notify site engineer immediately.

Section 2 – Malfunction Events Only

		Check one of the f	ollowing for each step:
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable
1,	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	×	
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	A	_
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):		Ø
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	×	
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.	_ 🗆	A
6.	Start malfunction diagnosis.	图	
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.		囡
8.	Contact qualified resource: a. Record contact name, date and time:		Ø
9.	Fix the malfunction.	A	
10.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	₫	
11.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	À	
12.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	区	
13.	If the procedures listed above were not followed, contact the site engineer immediately.		A

^{*}Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

Site Name: Cottonwood Hills Recycling and Disposal Facility

ction 1 – All Event	Militan	/ Time			SOP* F	ollowed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
♂ Startup		11.24.13/1610	0,1		Ø	
→ Shutdown	11.24.13/0156		6.2	99	Ø	
Malfunction					Complete Se	ction 2 Below
Non-malfunction						
ate Form Filled Out:	11.ZS.13			Signature:	7:07	/.
Comments: Ren o	ut of Nitrogs	<i>ي</i> ى				

		Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	Ø			
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3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):		Ø		
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	Ø.			
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		Ø		
6.	Start malfunction diagnosis.				
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	Ø.			
8.	Contact qualified resource: a. Record contact name, date and time:		Ø		
9.	Fix the malfunction.	2			
10.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	Ą			
. 1.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	Ø			
12.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	Ø			
13.	If the procedures listed above were not followed, contact the site engineer immediately.		Ø		

^{*}Standard Operating Procedure (SOP).for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan **If SOP in SSM Plan was not followed, notify site engineer immediately.

Site Name: Cottonwood Hills Recycling and Disposal Facility

~ ction 1 - All Events

Military	Time			SOP* F	ollowed?
Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
	12.11.13/1610	0.1		Ø	
12.11.13/1404		1.0	10	Ø	
		No. 100		Complete Se	ction 2 Below
12.14.13			Signature:	7: 6-75	1.
Restret.					
	Date/Time Start	12.11.13/1404	Date/Time Start	Date/Time Start Date/Time End Duration (hours) Event Code (see back of form) 12·11·13/140²4 1.0 1.0 1.0 12·11·13 140²4 1.0 1.0 12·11·13 1.0 1.0 1.0 12·11·13 1.0 1.0 1.0 12·11·13 1.0 1.0 1.0 12·11·13 1.0 1.0 1.0 12·11·13 1.0 1.0 1.0 12·11·13 1.0 1.0 1.0	Date/Time Start Date/Time End Duration (hours) Event Code (see back of form) Yes 12.11.13/1404 0.1 10 10 10 Complete Se 12.14.13 Signature: Signature: 10

		Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	ø			
2. '	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	P	- -		
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):		Ø		
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	A .			
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.	. 🗆	Æ		
6.	Start malfunction diagnosis.	P			
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	A Y			
8.	Contact qualified resource: a. Record contact name, date and time:		Ø		
9.	Fix the malfunction.	Z			
10.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	Æ			
. 1.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	Ø			
12.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.				
13.	If the procedures listed above were not followed, contact the site engineer immediately.		A		

^{*}Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan **If SOP in SSM Plan was not followed, notify site engineer immediately.